

Table 3. Total Petroleum Consumption, Actual vs. Forecasts

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	
AEO 1982	18.00	17.89	17.55	17.24	16.98	16.99														
AEO 1983	15.82	16.13	16.37	16.50	16.56	16.63														
AEO 1984	15.77	15.76	16.01	16.27	16.48	16.74														
AEO 1985	15.72	15.74	15.97	16.01	16.06	16.08	16.18	16.23	16.32	16.36	16.53									
AEO 1986		16.07	16.29	16.05	16.07	16.15	16.31	16.37	16.42	16.44	16.46	16.50	16.64	16.80	17.21	17.38				
AEO 1987			16.52	16.66	16.96	17.06	17.29	17.56	17.73	17.76	17.72									
AEO 1989*				17.01	17.20	17.44	17.57	17.72	17.76	17.78	17.82	18.05	18.12	18.19	18.40	18.61				
AEO 1990					17.24	17.41						18.21				18.84				
AEO 1991						16.95	16.65	16.83	17.01	17.17	17.34	17.53	17.83	18.09	18.33	18.53	18.87	19.12	19.24	
AEO 1992							16.74	17.07	17.37	17.59	17.80	17.86	17.99	18.14	18.26	18.43	18.70	18.90	19.09	
AEO 1993								17.07	17.45	17.79	18.15	18.26	18.60	18.88	19.07	19.25	19.54	19.75	19.98	
AEO 1994									17.67	17.99	18.20	18.42	18.66	18.85	19.06	19.34	19.52	19.74	19.99	
AEO 1995										17.53	17.93	17.96	18.29	18.48	18.69	18.87	19.08	19.31	19.58	
AEO 1996											17.78	17.88	18.10	18.38	18.58	18.78	19.02	19.20	19.41	
AEO 1997											18.18	18.34	18.70	19.05	19.38	19.68	19.91	20.19		
AEO 1998												18.89	18.92	19.36	19.62	19.94	20.27	20.52		
AEO 1999													18.86	19.20	19.91	20.23	20.47	20.65		
AEO 2000														19.33	19.56	19.91	20.17	20.42		
AEO 2001															19.50	20.04	20.36	20.62		
AEO 2002																19.69	20.84	20.55		
AEO 2003																	19.57	19.83		
AEO 2004																		19.89		
Actual	15.73	16.28	16.67	17.33	17.33	16.99	16.71	17.08	17.24	17.72	17.72	18.36	18.62	18.92	19.52	19.76	19.65	19.76	20.04	
Average Absolute Error (All AEOs)	0.60	0.61	0.51	0.80	0.63	0.37	0.41	0.42	0.47	0.44	0.41	0.52	0.54	0.53	0.81	0.82	0.40	0.48	0.43	
(percent error)																				
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	
AEO 1982	14.5	9.9	5.3	-0.5	-2.0	0.0														
AEO 1983	0.6	-0.9	-1.8	-4.8	-4.4	-2.1														
AEO 1984	0.3	-3.2	-3.9	-6.1	-4.9	-1.5														
AEO 1985	0.0	-3.3	-4.2	-7.6	-7.3	-5.3	-3.2	-5.0	-5.3	-7.7	-6.7									
AEO 1986		-1.3	-2.3	-7.4	-7.2	-4.9	-2.4	-4.2	-4.7	-7.2	-7.1	-10.1	-10.6	-11.2	-11.8	-12.0				
AEO 1987			-0.9	-3.9	-2.1	0.4	3.4	2.8	2.9	0.2	0.0									
AEO 1989*				-1.9	-0.7	2.7	5.1	3.7	3.0	0.3	0.5	-1.7	-2.7	-3.8	-5.7	-5.8				
AEO 1990					-0.5	2.5						2.7					-4.6			
AEO 1991						-0.2	-0.4	-1.5	-1.3	-3.1	-2.2	-4.5	-4.2	-4.4	-6.1	-6.2	-4.0	-3.2	-4.0	
AEO 1992							0.2	-0.1	0.8	-0.7	0.4	-2.7	-3.4	-4.1	-6.5	-6.7	-4.8	-4.4	-4.8	
AEO 1993								-0.1	1.2	0.4	2.4	-0.5	-0.1	-0.2	-2.3	-2.6	-0.6	-0.1	-0.3	
AEO 1994									2.5	1.5	2.7	0.3	0.2	-0.4	-2.4	-2.1	-0.7	-0.1	-0.3	
AEO 1995										-1.1	1.2	-2.2	-1.8	-2.3	-4.2	-4.5	-2.9	-2.3	-2.3	
AEO 1996											0.3	-2.6	-2.8	-2.8	-4.8	-4.9	-3.2	-2.8	-3.2	
AEO 1997												-1.0	-1.5	-1.1	-2.4	-1.9	0.2	0.8	0.7	
AEO 1998													1.4	0.0	-0.8	-0.7	1.5	2.6	2.4	
AEO 1999														-0.3	-1.6	0.8	3.0	3.6	3.0	
AEO 2000															-1.0	-1.0	1.3	2.1	1.9	
AEO 2001																	-1.3	2.0	3.0	
AEO 2002																		0.2	5.4	
AEO 2003																		-1.0	-1.1	
AEO 2004																			-0.8	
Average Absolute Percent Error (All AEOs)	3.8	3.7	3.1	4.6	3.6	2.2	2.5	2.5	2.7	2.5	2.3	2.9	2.9	2.8	4.1	4.2	2.0	2.4	2.2	

* There is no report titled Annual Energy Outlook 1988 due to a change in the naming convention of the AEOs.

Sources: Forecasts: Annual Energy Outlook, Mid-Price or Reference Case Projections, Various Editions

Historical Data: Energy Information Administration, Annual Energy Review 2003, DOE/EIA-0384(2003) (Washington, DC, September 2004), Table 5.1